



**WAINFORD RURAL DISTRICT**



# **ANNUAL REPORT**

*of the*

**MEDICAL OFFICER OF HEALTH**

*and*

**CHIEF PUBLIC HEALTH INSPECTOR**

*for*

**1965**





# **RURAL DISTRICT OF**

---

# **WAINFORD**

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**MEDICAL OFFICER OF HEALTH**

and the

**CHIEF PUBLIC HEALTH INSPECTOR**

for the year

**1965**

MEDICAL OFFICER OF HEALTH

CHIEF PUBLIC HEALTH INSPECTOR

ADDITIONAL PUBLIC HEALTH INSPECTOR

G. C. M. FRANKLIN  
M.A., M.B., B.Ch., M.R.C.S., L.R.C.P., D.P.H.

IVAN S. ARMSTRONG  
A.M.I.P.H.E., M.R.S.H., M.A.P.H.I.

FRANK E. POOLEY  
M.R.S.H., M.A.P.H.I.

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# RURAL DISTRICT OF WAINFORD

## ANNUAL REPORT OF THE MEDICAL OFFICER OF HEALTH FOR 1965

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To: The Chairman and Members of Wainford Rural District Council.

Mr. Chairman, Ladies and Gentlemen,

During 1965, the population increased by 100 to reach the estimated mid-year total of 6,550. Of this increase, 9 were due to the excess of births over deaths.

The number of births was 89 in 1965 compared with 101 in 1964, while deaths numbered 80 as compared with 64 in the previous year.

The adjusted birth rate was 14.8 per 1,000 estimated population and the adjusted death rate 12.08 per 1,000 as compared with 20.35 and 10.09 respectively in 1964. Deaths associated with ageing formed 75% of the total recorded. Maternal mortality remained at nil.

75 confirmed cases of infectious diseases were notified during the year, the majority being due to measles.

Cases on the Tuberculosis Register declined to 26 reflecting the downward trend occurring throughout the area.

I have the honour to be,

Your obedient Servant,

G. C. M. FRANKLIN,

*Medical Officer of Health.*

Council Offices,  
1 Saltgate,  
Beccles, Suffolk.

Telephone No. Beccles 2004/5

8th July, 1966

## GENERAL STATISTICS

Area (in acres) .. .. .	44,900
Registrar-General's estimate of population (mid-1965)	6,550
Number of inhabited houses (estimated) .. ..	2,132
Rateable Value .. .. .	£110,588
Product of Penny Rate (estimated) .. .. .	£ 450
Number of Parishes .. .. .	33

	<i>Wainford R.D.</i>	<i>England and Wales</i>
<b>Live Births</b>		
Number .. .. .	89	—
Rate per 1,000 population .. .. .	13.58	18.0
<b>Illegitimate Live Births</b> per cent of total live births .. ..	4.4	—
<b>Stillbirths</b>		
Number .. .. .	3	—
Rate per 1,000 total live and still births .. .. .	32.6	15.7
<b>Total Live and Still Births</b> .. .. .	92	—
<b>Infant Deaths</b> (deaths under 1 year) .. .. .	2	—
<b>Infant Mortality Rates</b>		
Total infant deaths per 1,000 total live births .. .. .	22.4	19.0
Legitimate infant deaths per 1,000 legitimate live births ..	23.3	+
Illegitimate infant deaths per 1,000 illegitimate live births ..	Nil	+
<b>Neo-Natal Mortality Rate</b> (deaths under 4 weeks per 1,000 total live births) .. .. .	22.4	+
<b>Early Neo-Natal Mortality Rate</b> (deaths under 1 week per 1,000 live births) .. .. .	22.4	+
<b>Perinatal Mortality Rate</b> (stillbirths and deaths under 1 week combined per 1,000 total live and still births) .. ..	54.3	+
<b>Maternal Mortality</b> (including abortion)		
Number of deaths .. .. .	Nil	—
Rate per 1,000 total live and still births .. .. .	Nil	+

— Not applicable

+ Not yet available



# VITAL STATISTICS

								Male	Female	Total
<b>Live Births</b>										
Total	..	..	..	..	..	..	..	43	46	89
Legitimate	..	..	..	..	..	..	..	42	43	85
Illegitimate	..	..	..	..	..	..	..	1	3	4
<b>Still Births</b>										
Total	..	..	..	..	..	..	..	—	3	3
Legitimate	..	..	..	..	..	..	..	—	3	3
Illegitimate	..	..	..	..	..	..	..	—	—	—
<b>Deaths of Infants Under 1 Year of Age</b>										
Total	..	..	..	..	..	..	..	1	1	2
Legitimate	..	..	..	..	..	..	..	1	1	2
Illegitimate	..	..	..	..	..	..	..	—	—	—
<b>Deaths of Infants Under 4 Weeks of Age</b>										
Total	..	..	..	..	..	..	..	1	1	2
Legitimate	..	..	..	..	..	..	..	1	1	2
Illegitimate	..	..	..	..	..	..	..	—	—	—
<b>Deaths of Infants Under 1 Week of Age</b>										
Total	..	..	..	..	..	..	..	1	1	2
Legitimate	..	..	..	..	..	..	..	1	1	2
Illegitimate	..	..	..	..	..	..	..	—	—	—
<b>Deaths — All Ages</b>	..	..	..	..	..	..	..	41	39	80

## RATES

	<i>Wainford R.D.</i>	<i>England and Wales</i>
Adjusted Birth Rate .. .. .	14.80	—
Death rate per 1,000 estimated population .. .. .	12.21	11.5
Adjusted Death Rate .. .. .	12.08	—

Comparability Factor (Births) .. .. .	1.09
„ „ (Deaths) .. .. .	0.99

## CAUSE OF INFANT DEATHS

Sex	Age	Cause of Death
M	1 Day	Other defined and ill-defined diseases
F	1 Day	

## CAUSE OF DEATH

Cause of Death							Male	Female	Total
1.	Tuberculosis, respiratory	..	..	..	..	..	—	—	—
2.	Tuberculosis, other	..	..	..	..	..	—	—	—
3.	Syphilitic disease	..	..	..	..	..	—	—	—
4.	Diphtheria	..	..	..	..	..	—	—	—
5.	Whooping cough	..	..	..	..	..	—	—	—
6.	Meningococcal infections	..	..	..	..	..	—	—	—
7.	Acute poliomyelitis	..	..	..	..	..	—	—	—
8.	Measles	..	..	..	..	..	—	—	—
9.	Other infective and parasitic diseases	..	..	..	..	..	—	—	—
10.	Malignant neoplasm, stomach	..	..	..	..	..	2	—	2
11.	Malignant neoplasm, lung, bronchus	..	..	..	..	..	4	—	4
12.	Malignant neoplasm, breast	..	..	..	..	..	—	2	2
13.	Malignant neoplasm, uterus	..	..	..	..	..	—	—	—
14.	Other malignant and lymphatic neoplasm	..	..	..	..	..	3	5	8
15.	Leukaemia, aleukaemia	..	..	..	..	..	—	—	—
Carried Forward ..							9	7	16



<i>Cause of Death</i>								<i>Male</i>	<i>Female</i>	<i>Total</i>
						Brought Forward	.. ..	9	7	16
16.	Diabetes	..	..	..	..	..	..	1	1	2
17.	Vascular lesions of nervous system	..	..	..	..	..	..	5	9	14
18.	Coronary disease, angina	..	..	..	..	..	..	8	8	16
19.	Hypertension with heart disease	..	..	..	..	..	..	1	—	1
20.	Other heart disease	..	..	..	..	..	..	4	7	11
21.	Other circulatory diseases	..	..	..	..	..	..	1	1	2
22.	Influenza	..	..	..	..	..	..	1	—	1
23.	Pneumonia	..	..	..	..	..	..	—	1	1
24.	Bronchitis	..	..	..	..	..	..	1	2	3
25.	Other diseases of respiratory system	..	..	..	..	..	..	2	—	2
26.	Ulcer of stomach and duodenum	..	..	..	..	..	..	—	—	—
27.	Gastritis, enteritis and diarrhoea	..	..	..	..	..	..	—	—	—
28.	Nephritis and nephrosis	..	..	..	..	..	..	—	—	—
29.	Hyperplasia of prostate	..	..	..	..	..	..	—	—	—
30.	Pregnancy, childbirth, abortion	..	..	..	..	..	..	—	—	—
31.	Congenital malformations	..	..	..	..	..	..	—	—	—
32.	Other defined and ill-defined diseases	..	..	..	..	..	..	5	3	8
33.	Motor Vehicle accidents	..	..	..	..	..	..	1	—	1
34.	All other accidents	..	..	..	..	..	..	—	—	—
35.	Suicide	..	..	..	..	..	..	2	—	2
36.	Homicide and operations of war	..	..	..	..	..	..	—	—	—
								41	39	80

**DEATHS FROM CANCER OF THE LUNG AND BRONCHUS DURING  
THE YEARS 1953-1965**

<i>Year</i>	<i>Male</i>	<i>Female</i>	<i>Total</i>	<i>Death rate per 1,000 Population</i>
1953	2	—	2	0.28
1954	4	—	4	0.58
1955	—	—	—	—
1956	2	—	2	0.29
1957	—	—	—	—
1958	2	—	2	0.29
1959	—	1	1	0.15
1960	2	—	2	0.29
1961	1	1	2	0.32
1962	2	—	2	0.32
1963	1	1	2	0.31
1964	5	—	5	0.77
1965	4	—	4	0.61
<i>Total</i>	25	3	28	

## ADJUSTED BIRTH AND DEATH RATE : COMPARABILITY FACTOR

Local birth rates are expressed in terms of population. These populations are estimated by the Registrar General and comprise persons of all ages, including those who have no influence on the birth rate. These latter do, however, affect the birth rate in that a high proportion of them in a population tends to lower, and a small proportion tends to raise the true rate. The size of this proportion will vary in different areas and, therefore, the elimination of standardization of such a factor will give a truer comparison between areas.

The Registrar General issues a comparability factor on these lines. Multiplication of the crude birth rate of an area by the comparability factor gives the adjusted birth rate and can be compared with the crude rate for England and Wales.

The comparability factor for deaths is obtained in a similar way to the above. The factors for certain areas, where rapid increase or reduction in the population materially affects its comparison by sex and age groups, are also adjusted on that account. Death rate area comparability factors are adjusted to take account of the presence of any residential institutions in each area. Birth rate area comparability factors are also adjusted to take account of the presence of sterile populations in institutions for the mentally ill or mentally deficient.

TABLE SHOWING THE MORE IMPORTANT CAUSES OF DEATH,  
NUMBERS AND PERCENTAGES

Cause of Death	No. of Deaths		Percentage	
	1964	1965	1964	1965
Diseases of circulatory system .. .. .	27	30	42.18	37.50
Vascular lesions of nervous system .. .. .	11	14	17.18	17.50
Malignant diseases .. .. .	12	16	18.75	20.00
Pneumonia and Bronchitis .. .. .	7	4	10.94	5.00
Influenza .. .. .	1	1	1.56	1.25
All other causes .. .. .	6	15	9.37	18.75
Total: .	64	80	99.98	100.00

In 1965 75% of all deaths fell under the first three headings. The comparable figure for 1964 was 78% and for 1963 was 73%.

# COMPARATIVE STATISTICS

	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965
Population	7,110	6,940	7,025	6,830	6,710	6,740	6,790	6,830	6,820	6,820	6,240	6,290	6,340	6,450	6,550
No. of inhabited houses ..	2,058	2,151	2,201	2,174	2,128	2,128	2,154	2,165	2,200	2,067	2,068	2,145	2,301	2,132	2,132
No. of Live Births ..	133	124	129	128	87	116	123	92	91	106	110	93	97	101	89
Birth Rate (crude) ..	17.3	17.9	16.9	18.8	13.0	17.2	18.1	13.4	13.3	15.54	17.6	14.7	15.3	15.6	13.5
No. of Still Births ..	4	3	3	2	2	1	3	2	2	3	5	2	3	1	3
Maternal Mortality ..	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—
Infant Mortality Rate ..	22.5	24.2	23.2	46.9	23.0	8.6	24.3	32.6	10.9	37.73	18.1	21.5	10.3	9.9	22.4
No. of Deaths ..	(3)	(3)	(3)	(6)	(2)	(1)	(3)	(3)	(1)	(4)	(2)	(2)	(1)	(1)	(2)
No. of Deaths (all ages) ..	76	92	73	93	68	54	52	70	67	74	50	61	74	64	80
Death Rate (crude) ..	10.7	13.3	10.4	13.6	10.1	8.0	7.6	10.2	9.8	10.85	8.1	9.7	11.6	9.9	12.2



NUMBER OF ALL CONFIRMED CASES OF INFECTIOUS AND OTHER NOTIFIABLE  
DISEASES NOTIFIED DURING THE YEAR 1965 ACCORDING TO AGE AND SEX

Age	Scarlet Fever			Whooping Cough			Polio			Measles			Diphtheria			Dysentery			Meningococcal Infection			Primary Pneumonia		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
Under 1 year	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-
1 year	-	-	-	-	-	-	-	-	-	1	3	4	-	-	-	-	-	-	-	-	-	-	-	-
2 years	1	-	1	-	-	-	-	-	-	3	2	5	-	-	-	-	-	-	-	-	-	-	-	-
3 "	-	-	-	-	-	-	-	-	-	4	2	6	-	-	-	-	-	-	-	-	-	-	-	-
4 "	1	-	1	-	-	-	-	-	-	2	3	5	-	-	-	-	-	-	-	-	-	-	-	-
5—9 years	-	5	5	-	-	-	-	-	-	13	10	23	-	-	-	-	-	-	-	-	-	-	-	-
10—14 "	-	4	4	-	-	-	-	-	-	8	8	16	-	-	-	-	-	-	-	-	-	-	-	-
15—24 "	-	-	-	-	-	-	-	-	-	1	2	3	-	-	-	-	-	-	-	-	-	-	-	-
25—44 "	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
45—64 "	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
65 or over	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1
Total:	2	9	11	-	-	-	-	-	-	32	31	63	-	-	-	-	-	-	-	-	-	1	-	1

35 Males plus 40 Females = 75

## TUBERCULOSIS

	<i>Males</i>		<i>Females</i>		<i>Total</i>
	<i>Pulmonary</i>	<i>Non-Pulmonary</i>	<i>Pulmonary</i>	<i>Non-Pulmonary</i>	
No. of cases on the Register at 31st December, 1964 .. .. .	13	1	9	4	27
No. of cases added during the year ..	1	1	—	—	2
No. of cases removed during the year ..	3	—	—	—	3
No. of cases on the Register at 31st December, 1965 .. .. .	11	2	9	4	26

<i>Cases added to the Register</i>	<i>Cases removed from the Register</i>
New notifications .. .. . —	Recovered .. .. . 3
Inward transfers .. .. . 2	Died .. .. . —
	Removed to other areas .. .. . —
<i>Total:</i> .. .. . 2	<i>Total:</i> .. .. . 3





**RURAL DISTRICT OF WAINFORD**  
**ANNUAL REPORT OF THE CHIEF PUBLIC HEALTH INSPECTOR FOR 1965**

---

To: The Chairman and Members of Wainford Rural District Council.

Mr. Chairman, Ladies and Gentlemen,

I have pleasure in presenting my ninth Annual Report in conjunction with that of your Medical Officer of Health.

Sewerage facilities continue to be made available to a growing proportion of our population each year (notwithstanding the high cost per property) and further schemes are envisaged.

Schemes for new Council dwellings are at present only at the embryo stage and all resources have been channelled towards the early completion of the Council's House Modernisation Programme, the end of which is in sight.

Private Development in the area continues to increase and the demand for sub-standard property for reconditioning purposes is considerable.

Street Lighting schemes at Worlingham were brought to fruition during the year under review.

My sincere appreciation is due to all the staff in the combined department for their hard work and enthusiasm despite the growing demands on their services. Especially, I thank Frank Pooley, my Deputy, who continues to cheerfully carry a large share of the public health and building inspection duties.

I am,

Your obedient Servant,

IVAN S. ARMSTRONG,

*Chief Public Health Inspector,  
Engineer and Surveyor.*

# REPORT OF THE CHIEF PUBLIC HEALTH INSPECTOR

## HOUSING

(a)	Number of houses inspected during year	..	..	..	..	..	..	..	245
(b)	Number of houses found to be unsatisfactory	..	..	..	..	..	..	..	161
(c)	Number of houses rendered fit:								
	By informal action	..	..	..	..	..	..	..	157
	By formal action	..	..	..	..	..	..	..	—
(d)	Demolition Orders secured	..	..	..	..	..	..	..	7
(e)	Closing Orders made	..	..	..	..	..	..	..	6
(f)	Undertakings accepted	..	..	..	..	..	..	..	—
(g)	Houses demolished under (d)	..	..	..	..	..	..	..	8
(h)	Houses demolished by informal action	..	..	..	..	..	..	..	—

(i) Housing Resurvey

A village by village housing resurvey continued throughout the year. Owners of all suitable property are being asked to provide modern amenities and take advantage of the grant schemes wherever possible.

Twelve parishes have now been completed these being All Saints, Barsham, Brampton, Ellough, Homersfield, Holton, Mettingham, North Cove, Ringsfield, Westhall, Wissett and Worlingham.

(j) Provision of Housing accommodation.

	By Local Authority		By Private Enterprise	
	Permanent	Temporary	Permanent	Temporary
1. Dwellings completed during year .. .. .	—	—	92	—
2. Number of houses in course of construction on 31st December, 1965 .. ..	—	—	60	—
3. Total number of houses owned by Council on 31st December, 1965 .. ..	450	—	—	—

(k)	Council houses available for letting during year	..	..	..	..	..	..	27
(l)	Number of dwellings acquired by the Council	..	..	..	..	..	..	1

(m) Improvement and Modernisation of Council Dwellings:

Good progress was made with the phased scheme for the improvement of all the Council's pre-war property as well as those cottages acquired over the past few years.

Twelve houses were completed and 23 were commenced during the year over half of which were being dealt with by the Council's Direct Labour Building Staff.

Schemes involving over 80 properties were completed, proceeding or in the course of preparation as the year closed. All architectural work is now carried out by the department.

(n) Overcrowding:

One case in District during the year.

(o) Improvement Grants:	Discretionary	Standard	Total
Number of dwellings in respect of which applications were made during the year .. .. .	4	34	38
Number of dwellings in respect of which grants were approved during the year .. .. .	4	34	38
Total number of dwellings improved during year ..			39
Total number of dwellings approved for grants to 31st December, 1965 .. .. .	156	192	348
Total number of dwellings completed at 31st December, 1965 .. .. .	153	143	296
(p) Certificates of Disrepair:			
Applications received .. .. .	..	..	..
Certificates issued .. .. .	..	..	..
(q) Movable Dwellings:			
Number of site licences in force .. .. .	..	..	..
Inspections made .. .. .	..	..	..
Contraventions remedied .. .. .	..	..	..

### FOOD HYGIENE

A complete survey of all premises was carried out during the year.

(a)	Number of food premises .. .. .	..	..	..	..	..	..	..	..	46
	Number of premises fitted to comply with Regulation 16 .. .. .	..	..	..	..	..	..	..	..	46
	Number of premises to which Regulation 19 applies .. .. .	..	..	..	..	..	..	..	..	46
	Number of premises fitted to comply with Regulation 19 .. .. .	..	..	..	..	..	..	..	..	46
(b)	Inspections made: .. .. .	..	..	..	..	..	..	..	..	349
	Premises found to be unsatisfactory .. .. .	..	..	..	..	..	..	..	..	27
	Premises rendered satisfactory .. .. .	..	..	..	..	..	..	..	..	22
(c)	Premises registered under the Food and Drugs Act, 1955:									
	Ice Cream — storage and sale .. .. .	..	..	..	..	..	..	..	..	21
	Sausages — preserved foods .. .. .	..	..	..	..	..	..	..	..	2
(d)	Poultry Condemned:									
	Turkeys .. .. .	..	..	..	..	..	..	..	..	151
	Chickens .. .. .	..	..	..	..	..	..	..	..	17,045
	Total weight in lbs. .. .. .	..	..	..	..	..	..	..	..	32,717
(e)	Food Factories:									

At Flixton, the Ross Factory continued their expansion programme and now have a throughput of 38,000 birds per week.

L.B.T. Packers Turkey Processing Factory at Holton again increased their capacity to approximately 7,730 birds per week, large additional cold stores being built. This company has an expanding export trade to Europe.

Both managements are co-operative and endeavour to consistently maintain the high standard of cleanliness and hygiene practices required of them and their staff. This work will continue to require an increasing proportion of an Inspector's time.



## RODENT CONTROL

(a) Inspections and treatments:

Number of premises inspected .. .. .	..	..	..	..	..	1,434
Number of premises treated — dwellinghouses	..	..	..	..	..	607
— other premises	..	..	..	..	..	226

(b) The Council provided a contract service during the year to fifty-one farms and small-holdings.

(c) One operator is employed on this work.

## PUBLIC CLEANSING

(a) Refuse Collection and Disposal:

A new Eagle/Bedford Compression vehicle was purchased during the year enabling the department to provide an improved and more hygienic service for the growing number of properties to be served.

Quantity of refuse collected during year in cubic yards	..	..	..	..	6,082
Miles travelled .. .. .	..	..	..	..	10,778

Frequency of collections:

Worlingham, Holton and North Cove — weekly	properties	465
Remaining villages — fortnightly	properties	1,667

Disposal:

Four tips at Holton, St. John, Worlingham and Westhall.

(b) Cesspool Emptying:

Local Authority emptying decreased due to increased availability of public sewers.

	<i>Number of Cesspools</i>	<i>Number of Loads</i>
Local Authority .. .. .	141	227
Private .. .. .	253	367
	394	584

## SEWERAGE AND SEWAGE DISPOSAL

- (a) There are thirty-three parishes in the District. Eleven have a sewerage scheme in operation and a further seven have schemes in various stages of construction, preparation or are under consideration.

Two schemes at St. Lawrence with Spexhall and St. James were completed and one at Flixton commenced.

<b>Sewered Parishes:</b>	Number of Premises in Parish	Length of Sewers in yards
Brampton	106	1162
Holton	169	3950
Homersfield	57	647
North Cove	69	763
Ringsfield	77	1581
St. James	68	1518
St. Lawrence with Spexhall	123	1852
Westhall	108	1379
Wissett	103	732
Worlingham	227	4421
		18005

### **Schemes Under Construction:**

Flixton	36	—
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### **Schemes in course of Preparation:**

Blyford	48	—
St. Margaret Ilketshall	61	—

- (b) Total lengths of sewers controlled by Council .. .. . 10.2301 miles

- (c) Sewer Connections:  
Connections made during year .. .. . 136

- (d) Sewage Effluents:  
Careful attention was given to the maintenance of proper standards of effluent, there being good co-operation with the East Suffolk and Norfolk River Authority.  
All the village works are producing effluents well within the Royal Commission Standards. The older Council House plants not reaching the required standard are due for replacement and will become redundant in the foreseeable future.

## WATER SUPPLIES

- I. The department continued to sample both private and public supplies. Excellent co-operation was maintained with the East Anglian Water Company.
- II. The water supply of the Rural Area has been satisfactory in quality and quantity.
- III. The District is supplied from three different sources situated at Holton, Barsham and Bungay and copies of typical bacteriological and chemical analyses by Messrs. Lincolne Sutton and Wood Ltd., Public Analysts are given below.

### Certificate of Analysis of Water — RAW Water

Date received	..	..	..	..	..	15th September, 1965
Sample received from	..	..	..	..	..	East Anglian Water Company
Marked	..	..	..	..	..	No. 2 — Holton Headworks
Reaction	..	..	..	..	..	Neutral pH 7.1

### Results of Chemical Analysis in parts per Million

Ammoniacal nitrogen	..	..	..	..	..	0.23
Albuminoid nitrogen	..	..	..	..	..	0.03
Nitrate nitrogen	..	..	..	..	..	1.0
Nitrite nitrogen	..	..	..	..	..	Nil
Chloride as chlorine	..	..	..	..	..	78
Oxygen absorbed (4 hr. 27 degrees C.)	..	..	..	..	..	Nil
Hardness as CaCO <sub>3</sub> :						
Total	..	..	..	..	..	325
Carbonate (temporary)	..	..	..	..	..	260
Non-carbonate (permanent)	..	..	..	..	..	65
Free carbon dioxide	..	..	..	..	..	34.5
Total solids (at 180 degrees C.)	..	..	..	..	..	525
Iron (total)	..	..	..	..	..	4.6
Metals in solution other than iron	..	..	..	..	..	Nil

### Remarks:

This water is of good organic quality and its bacteriological condition is excellent. The high ammoniacal nitrogen content has been commented on. The salinity of this sample is a little higher. The iron content seems to be somewhat variable being higher on this occasion. Provided it is treated as suggested previously, this water should then be suitable for drinking and general purposes.



## Certificate of Analysis of Water — RAW Water

Date received	..	..	..	..	..	..	23rd December, 1965
Sample received from	..	..	..	..	..	..	East Anglian Water Company
Marked	..	..	..	..	..	..	Barsham Bores
Appearance when received	..	..	..	..	..	..	Clear with yellow deposit
Nature of Deposit	..	..	..	..	..	..	Iron compounds
Colour	..	..	..	..	..	..	Yellow
Odour	..	..	..	..	..	..	Nil
Reaction	..	..	..	..	..	..	pH 7.1
Taste	..	..	..	..	..	..	Nil

## Results of Chemical Analysis in parts per Million

Ammoniacal nitrogen	..	..	..	..	..	0.07
Albuminoid nitrogen	..	..	..	..	..	0.04
Nitrate nitrogen	..	..	..	..	..	6.5
Nitrite nitrogen	..	..	..	..	..	Nil
Chloride as chlorine	..	..	..	..	..	56
Oxygen absorbed (4 hr. 27 degrees C.)	..	..	..	..	..	0.5
Hardness as CaCO <sub>3</sub> :						
Total	..	..	..	..	..	370
Carbonate (temporary)	..	..	..	..	..	235
Non-carbonate (permanent)	..	..	..	..	..	135
Free carbon dioxide	..	..	..	..	..	44
Total solids (at 180 degrees C.)	..	..	..	..	..	520
Iron (total)	..	..	..	..	..	4.5
Metals in solution other than iron	..	..	..	..	..	Nil

### Remarks:

This water is of good organic quality and its bacteriological condition is excellent. As compared with the previous analysis the total hardness has again risen and is now approximately 26 degrees Clark, of which  $16\frac{1}{2}$  degrees is temporary. The iron content is much higher than it was then. In our opinion, provided the iron is removed, this water should be suitable for drinking and general purposes.

## Certificate of Analysis of Water — RAW Water

Date received	..	..	..	..	..	..	3rd November, 1965
Sample received from	..	..	..	..	..	..	East Anglian Water Company
Marked	..	..	..	..	..	..	Public Supply — Well, Bungay
Appearance when received	..	..	..	..	..	..	Clear
Nature of Deposit	..	..	..	..	..	..	Nil
Colour	..	..	..	..	..	..	Nil
Odour	..	..	..	..	..	..	Nil
Reaction	..	..	..	..	..	..	pH 6.9
Taste	..	..	..	..	..	..	Satisfactory

## Results of Chemical Analysis in Parts per Million

Ammoniacal nitrogen	..	..	..	..	..	..	0.04
Albuminoid nitrogen	..	..	..	..	..	..	0.08
Nitrate nitrogen	..	..	..	..	..	..	Nil
Nitrite nitrogen	..	..	..	..	..	..	Nil
Chloride as chlorine	..	..	..	..	..	..	84
Oxygen absorbed (4 hr. 27 degrees C.)	..	..	..	..	..	..	0.60
Hardness as CaCO <sub>3</sub> :							
Total	..	..	..	..	..	..	335
Carbonate (temporary)	..	..	..	..	..	..	200
Non-carbonate (permanent)	..	..	..	..	..	..	135
Free carbon dioxide	..	..	..	..	..	..	50.1
Total solids (at 180 degrees C.)	..	..	..	..	..	..	570
Iron (Total)	..	..	..	..	..	..	0.28
Metals in solution, lead copper, zinc	..	..	..	..	..	..	Nil

### Remarks:

The organic quality of this water is very good and its bacteriological condition is excellent. The iron content is a little higher but the sample remained clear on standing. In our opinion this water is well adapted to the purposes of a public supply.

## Bacteriological Examination Report

Nature of Sample	..	..	..	..	..	..	Water from bores, main piped supply.
Plate Count:							
Colonies per ml. on agar at 37 degrees C., 2 days	..	..	..	..	..	..	Nil
Probable number of coliform bacilli per 100 ml.	..	..	..	..	..	..	Nil
MacConkey 2 days, 37 degrees C.	..	..	..	..	..	..	Nil
Number of Bact. Coli. (type I)	..	..	..	..	..	..	Nil

### Remarks:

This result is very satisfactory.

IV. Water Sampling:

<i>Samples Taken</i>	<i>Supply</i>	<i>Samples Taken</i>	<i>Satisfactory</i>	<i>Unsatisfactory</i>
Bacteriological	Private	8	1	7
	Public	9	9	—
Chemical	Private	5	3	2
	Public	—	—	—

During the year nine bacteriological samples were taken from the three sources.

V. The waters are not liable to have plumbo-solvent action. All the samples show the characteristic hardness of East Anglian waters.

VI No contamination of any form occurred during the year

VII. Number of dwelling houses supplied direct to the houses	..	..	..	..	1,402
Number of dwelling houses supplied by means of stand-pipes	..	..	..	..	284
				Total	1,686
Total number of inhabited houses	..	..	..	..	2,132
Number of houses not supplied	..	..	..	..	446
Estimated population supplied direct to houses	..	..	..	..	4,189.3705
Estimated population supplied by stand-pipes	..	..	..	..	848.6314
				Total	5,038.0019
Estimated total population	..	..	..	..	6,550
Estimated population not supplied	..	..	..	..	1,511.9982
Estimated number of persons per house	..	..	..	..	3.07223



Name of Parish	Supplied by Mains Water Direct		Supplied by Stand-pipe	
	Houses	Theoretical Population	Houses	Theoretical Population
All Saints .. .. .	29	89.0946	2	6.1444
Barsham .. .. .	31	95.2391	24	73.7335
Blyford .. .. .	31	95.2391	2	6.1444
Brampton .. .. .	54	165.9004	16	49.1556
Ellough .. .. .	3	9.2166	9	27.6500
Flixton .. .. .	30	92.1669	2	6.1444
Holton .. .. .	163	500.7734	7	21.5056
Mettingham .. .. .	44	135.1781	14	43.0112
North Cove .. .. .	44	135.1781	6	18.4333
Redisham .. .. .	17	52.2279	16	49.1556
Ringsfield .. .. .	55	168.9726	8	24.5778
Rumburgh .. .. .	45	138.2503	21	64.5168
St. Andrew .. .. .	50	153.6115	33	101.3835
St. Cross.. .. .	28	86.0224	—	—
St. James .. .. .	42	129.0336	2	6.1444
St. John .. .. .	—	—	—	—
St. Lawrence .. .. .	28	86.0224	12	36.8667
St. Margaret Ilketshall ..	25	76.8057	14	43.0112
St. Margaret South Elmham ..	22	67.5890	2	6.1444
St. Mary (Homersfield) ..	44	135.1781	—	—
St. Michael .. .. .	12	36.8667	—	—
St. Peter .. .. .	6	18.4333	—	—
Shadingfield .. .. .	25	76.8057	4	12.2889
Shipmeadow .. .. .	19	58.3723	5	15.3611
Sotherton .. .. .	24	73.7335	—	—
Sotterley .. .. .	27	82.9502	5	15.3611
Spexhall .. .. .	38	116.7447	12	36.8667
Stoven .. .. .	16	49.1556	3	9.2166
Westhall .. .. .	55	168.9726	13	39.9389
Weston .. .. .	22	67.5890	11	33.7945
Willingham .. .. .	32	98.3113	10	30.7223
Wissett .. .. .	46	141.3225	19	58.3723
Worlingham .. .. .	385	1182.8085	12	36.8667
	1402	4307.2664	284	872.5133

### PUBLIC SWIMMING BATHS

There are no public swimming baths in the area.

### COMMON LODGING HOUSES

There are no common lodging houses in the area.

### NATIONAL ASSISTANCE ACT 1948, SECTION 47

### NATIONAL ASSISTANCE ACT 1951

No action was taken under either Act during the year.

## FACTORIES ACTS, 1937-61

### Prescribed Particulars on the Administration of the Factories Act, 1937 for the Rural District of Wainford Part I of the Act

(a) Inspections:

<i>Premises</i>	<i>Number on Register</i>	<i>Number of Inspections</i>
1. Factories in which Sections 1, 2, 3, 4 and 6 are to be enforced by Local Authorities .. .. .	1	8
2. Factories not included in 1, in which Section 7 is enforced by the Local Authority .. .. .	15	67
3. Other Premises in which Section 7 is enforced by the Local Authority (excluding out-workers' premises) .. .. .	79	158
Total .. .. .	95	233

(b) Cases of Inspection in which Defects were found:

<i>Particulars</i>	<i>Found</i>	<i>Remedied</i>
1. Ineffective drainage of floors .. .. .	—	—
2. Sanitary Conveniences:		
Insufficient .. .. .	1	1
Unsuitable or defective .. .. .	4	9
Not separate for sexes .. .. .	—	—
3. Other offences against the Act (not including offences relating to out-work) .. .. .	—	—
Total .. .. .	5	10

### Part VIII of the Act

#### Outwork (Sections 133 and 134)

<i>Nature of work</i>	<i>No. of out-workers in August list required by Section (133)</i>	<i>No. of cases of default in sending lists to the Council</i>	<i>No. of prosecutions for failure to supply lists</i>	<i>No. of instances of work in unwholesome premises</i>	<i>Notices Served</i>	<i>Prosecutions</i>
(1)	(1) (c) (2)	(3)	(4)	(5)	(6)	(7)
Wearing Apparel (making)	5	—	—	—	—	—

## AGRICULTURE (SAFETY, HEALTH AND WELFARE PROVISIONS) ACT, 1956

(a)	Number of agricultural premises in area .. .. .	315
(b)	Number of agricultural premises where persons are employed (estimated) other than occupier and family .. .. .	110
(c)	Number of agricultural premises inspected .. .. .	25
(d)	Number of premises where informal action taken .. .. .	—
(e)	Number of premises where formal action taken .. .. .	—

## THE OFFICE SHOPS AND RAILWAY PREMISES ACT 1963

### (a) Registration and general inspections

<i>Class of premises</i>	<i>No. of premises registered during the year</i>	<i>No. of premises inspected generally</i>
Offices .. .. .	—	3
Retail shops .. .. .	—	4
Wholesale shops, warehouses .. .. .	—	—
Catering establishments open to the public, canteens .. .. .	—	3
Fuel storage depots .. .. .	—	—

### (b) Analysis of persons employed.

<i>Class of workplace</i>	<i>No. of persons employed</i>
Offices .. .. .	22
Retail shops .. .. .	8
Wholesale departments, warehouses .. .. .	—
Catering establishments open to public .. .. .	6
Canteens .. .. .	—
Fuel storage depots .. .. .	—
Total .. .. .	36
Total Males .. .. .	15
Total Females .. .. .	21

(c)	Total number of visits to registered premises .. .. .	31
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